

**INFORMATION DISCLOSURE
STATEMENT
BY APPLICANT**

(Use several sheets if necessary)

Docket Number:
ACE-00101.P.1.2-US

Application Number:
10/705,615

Applicant:
Xiaobo Wang

Filing Date:
November 10, 2003

Group Art Unit:
1744

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
WB	P1	2002/0032531	03/2002	Mansky et al			
	P2	2002/0076690	06/2002	Miles et al			
	P3	2002/0086280	07/2002	Lynes et al			
	P4	2002/0110847	08/2002	Baumann et al			
	P5	2002/0150886	10/2002	Miles et al			
	P6	2,656,508	10/1953	Coulter			
	P7	3,259,842	07/1966	Coulter et al			
	P8	3,743,581	07/1973	Cady et al			
	P9	3,890,201	06/1975	Cady			
	P10	4,072,578	02/1978	Cady et al			
	P11	4,225,410	09/1980	Pace			
	P12	4,686,190	08/1987	Cramer et al			
	P13	4,920,047	04/1990	Giaever et al			
	P14	5,134,070	07/1992	Casnig			
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02/05/2007

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
WB	P19	5,563,067	10/1996	Sugihara et al			
	P20	5,626,734	05/1997	Docoslis et al			
	P21	5,643,742	07/1997	Malin et al			
	P22	5,801,055	09/1998	Henderson			
	P23	5,810,725	10/1998	Sugihara et al			
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	P25	5,981,268	11/1999	Kovacs et al			
	P26	6,051,422	04/2000	Kovacs et al			
	P27	6,132,683	10/2000	Sugihara et al			
	P28	6,169,394	01/2001	Frazier et al			
	P29	6,232,062	05/2001	Kayyem et al			
	P30	6,235,520	05/2001	Malin et al			
	P31	6,280,586	08/2001	Wolf et al			
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WB	P37	6,472,144	10/2002	Malin et al			
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							YES	NO
WB	F1	96/01836	01/1996	PCT	X			
WB	F2	99/66329	12/1999	PCT				
WB	F3	00/71669	11/2000	PCT				
WB	F4	01/038873	05/2001	PCT				
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	D3	Becker et al, Separation of human breast cancer cells from blood by differential dielectric affinity. Cell Biology. 92:960-964 (1995)
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	D8	Connolly et al., An extracellular microelectrode array for monitoring electrogenic cells in culture Biosensors & Bioelectronics 5: 223-234 (1990)
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	D15	Hadjout et al., Automated Real-Time Measurement of Chemotactic Cell Motility BioTechniques 31: 1130-1138 (2001)
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WB	D19	Keese et al, Real-time impedance assay to follow the invasive activities of metastatic cells in culture. Biotechniques 33:842-850 (2002)
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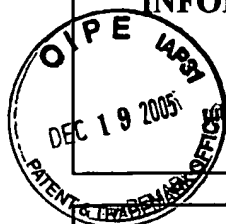
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	D37	Simpson et al., Whole-cell biocomputing Trends in Biotechnology 19: 317-323 (2001)
	D38	Sohn et al, Capacitance cytometry: Measuring biological cells one by one. Proc. Nat. Acad. Sci. 97(20):10687-10690 (2000)
	D39	Stenger et al., Detection of physiologically active compounds using cell-based biosensors. Trends in Biotechnology 19: 304-309 (2001)
	D40	Svetlicic et al., Charge displacement by adhesion and spreading of a cell Bioelectrochemistry 53: 79-86 (2000)
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	D42	Wang et al, A theoretical method of electrical field analysis for dielectrophoretic electrode arrays using Green's theorem. Appl. Phys. 1649-1660 (1996)
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	D48	Warburg, Ueber die Polarisationscapacitat des Platins. Ann. Phy. 6:125-135 (1901)
	D49	Wegener et al, Electric cell-substrate impedance sensing system (ECIS) as a noninvasive means to monitor the kinetics of cell spreading to artificial surfaces, Experimental Cell Research, 259:158-166 (2000)
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	D52	Yang et al, Cell Separation on Microfabricated Electrodes Using Dielectrophoretic/Gravitational Field-Flow Fractionation. Anal. Chem. 71:911-918 (1999)
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	D54	http://www.bdbiosciences.com/discovery_labware/Products/inserts/BD_Falcon_HTS_fluoroblok_inserts/individual_fluoroblok_inserts/index.html No Date Provided
	D55	http://www.tecan.com/migration_introl.pdf No Date
	D56	New Products page. Science 298:2409 (2002) Provided
↓	D57	Abstract: Real-Time Impedance Assay to Follow the Invasive Activities of Metastatic Cells in Culture. Biotechniques 33: 842 (2002)
WB	D58	http://www.biophysics.com/pages/front.html No Date Provided
	D59	

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WB	P1	2003/0032000	02/2003	Liu et al	X		
	P2	2005/0014130	01/2005	Liu et al			
	P3	USRE38,323	11/2003	Sugihara et al			
	P4	6,368,795	04/2002	Hefti			
	P5	6,376,233	04/2002	Wolf et al			
	P6	6,461,808	10/2002	Bodner et al			
	P7	6,485,905	11/2002	Hefti			
	P8	6,566,079	05/2003	Hefti			
	P9	6,573,063	03/2003	Hochman			
	P10	6,626,902	09/2003	Kucharczyk et al			
	P11	6,627,461	09/2003	Chapman et al			
	P12	6,686,193	02/2004	Maher et al			
WB	P13	6,716,620	04/2004	Bashir et al			

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FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	Translation	
							YES	NO
WB	F1	EP 1195432B1	09/2004	EPO	X	X		
	F2	01/25769	04/2001	PCT				
	F3	02/04943	01/2002	PCT				
	F4	02/42766	05/2002	PCT				
	F5	03/016887	02/2003	PCT				
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	D3	Ciambrone et al., J. Biomo. Screening, 9(6):467-480 (2004)
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	D10	Wegener et al., Eur. J. Physiol., 437:925-934 (1999)
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	D12	Xiao and Luong, Biotechnol. Prog., 19:1000-1005 (2003)
	D13	Xiao et al., Anal. Chem., 74:5748-5753 (2002)
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